

Claims

- [c1] 1. A flat sheet material for manufacturing leaf-like sheets (1) for receiving information, the sheet material comprising:
at least one coating (4, 4') applied onto a substrate;
particles (5) embedded in the at least one coating (4, 4');
wherein the particles (5) are electrically activatable particles, magnetizable particles or electrically activatable and magnetizable particles;
wherein by at least one of activation and magnetization of the particles (5) when arranged in at least one of an electrical and a magnetic field, information is writable, retrievable and changeable on the sheet material.
- [c2] 2. The sheet material according to claim 1, wherein the at least one coating (4, 4') comprises fine cavities (3).
- [c3] 3. The sheet material according to claim 2, wherein the cavities (3) are microcapsules (6).
- [c4] 4. The sheet material according to claim 2, wherein the particles (5) are contained in the cavities (3).
- [c5] 5. The sheet material according to claim 2, wherein the particles (5) are embedded between the cavities (3) in the at least one coating (4).
- [c6] 6. The sheet material according to claim 2, wherein the cavities (3) are filled with a dye (7).
- [c7] 7. The sheet material according to claim 6, wherein the sheet material (2) is stacked with a second sheet material (14) comprising a dye coreactant (27) and combined to a carbonless set (15).
- [c8] 8. The sheet material according to claim 7, wherein the carbonless set (15) is configured as an endless set (45) comprising a perforated tractor edge (46).
- [c9] 9. The sheet material according to claim 7, wherein the carbonless set (15) is embodied as a multi-part form set (47).
- [c10] 10. The sheet material according to claim 2, wherein the cavities (3) contain

one or more magnetographic writing heads (18) for recording information on the sheet material (2) by point-precise magnetization of the magnetizable particles (9).

- [c36] 36.The writing device according to claim 35, wherein two of the writing heads (18) are positioned opposite one another and aligned with one another and define between them an intermediate gap (43) for guiding a sheet material (2) therethrough.
- [c37] 37.The writing device according to claim 35, comprising a magnetic reading unit (22) arranged downstream of the one or more writing heads (18).
- [c38] 38.The writing device according to claim 35, embodied as an expansion unit (23) for a conventional printer (24).
- [c39] 39.A writing device for sheet material (2) with a coating (4) comprising fine cavities (3) and magnetizable particles (9) embedded in the coating (4), the writing device comprising:
a hand-held pen (25) with a magnetic tip (26) for recording information on the sheet material (2) by magnetization of the magnetizable particles (9).